

B9W230 Fiber - Interlocked Armor Distribution Cable - Riser



For more Information
please call

1-800-Belden1



General Description:

FiberExpress Distribution Aluminum Interlocked Armor Cable, 6-Fiber, OS2 OFCR, Tight Buffer, Indoor Rated with Yellow Jacket, Rugged construction that affords superior protection in adverse environments

Physical Characteristics (Overall)

Product Family - Riser:

| Fiber Count | Type | OM1 MM 62.5/125 1 Gb | OM2 MM 50/125 1 Gb | OM3 MM 50/125 10 Gb 300m | OM4 MM 50/125 10 Gb 500m | OS2 - SM |
|-------------|----------------|----------------------|--------------------|--------------------------|--------------------------|-------------|
| 6 | Indoor | B9B230 | B9A230 | B9C230 | B9E230 | . . B9W230 |
| 6 | Indoor/Outdoor | B9B230T | B9A230T | B9C230T | B9E230T | . . B9W230T |
| 12 | Indoor | B9B231 | B9A231 | B9C231 | B9E231 | . . B9W231 |
| 12 | Indoor/Outdoor | B9B231T | B9A231T | B9C231T | B9E231T | . . B9W231T |
| 24 | Indoor | B9B233 | B9A233 | B9C233 | B9E233 | . . B9W233 |
| 24* | Indoor | B9B232 | B9A232 | B9C232 | B9E232 | . . B9W232 |
| 24 | Indoor/Outdoor | B9B232T | B9A232T | B9C232T | B9E232T | . . B9W232T |
| 36 | Indoor | B9B234 | B9A234 | B9C234 | B9E234 | . . B9W234 |
| 48 | Indoor | B9B235 | B9A235 | B9C235 | B9E235 | . . B9W235 |
| 72 | Indoor | B9B236 | B9A236 | B9C236 | B9E236 | . . B9W236 |
| 96 | Indoor | B9B237 | B9A237 | B9C237 | B9E237 | . . B9W237 |
| 144 | Indoor | B9B238 | B9A238 | B9C238 | B9E238 | . . B9W238 |
| * | | | | | | |

Fiber Type: SM, (OS2)

Number of Fibers: 6

Buffer Tube Material: Thermoplastic

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Strength Member

Strength Member Material: Aramid Yarn

Armor

Armor Type: Interlocked

Armor Material: Aluminum

Overall Cable

Overall Nominal Diameter: 0.570 in.

Mechanical Characteristics (Overall)

Storage Temperature Range: -40°C To +70°C

Installation Temperature Range: 0°C To +60°C

Operating Temperature Range: -20°C To +70°C

Bulk Cable Weight: 127 lbs/1000 ft.

Min. Bend Radius/Minor Axis: 11.400 in.

Min. Bend Radius for Long Term Application: 8.600 in.

Max. Load for Installation: 270 lbs.

Max. Load for Long Term Application: 81 lbs.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC(UL) Specification: OFCR

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| | |
|---------------------------------------|------------|
| CEC/C(UL) Specification: | UL-C |
| EU Directive 2011/65/EU (ROHS II): | Yes |
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2002/95/EC (RoHS): | Yes |
| EU RoHS Compliance Date (mm/dd/yyyy): | 08/01/2008 |
| EU Directive 2002/96/EC (WEEE): | Yes |
| EU Directive 2003/11/EC (BFR): | Yes |
| CA Prop 65 (CJ for Wire & Cable): | Yes |
| MIL Order #39 (China RoHS): | Yes |

Flame Test

| | |
|-----------------|--------------|
| UL Flame Test: | UL1666 Riser |
| CSA Flame Test: | FT4 |

Suitability

| | |
|------------------------|-----|
| Suitability - Indoor: | Yes |
| Suitability - Outdoor: | No |
| Suitability - Aerial: | No |
| Suitability - Burial: | No |
| Sunlight Resistance: | No |

Plenum/Non-Plenum

| | |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Optical Characteristics (Overall)

| | |
|---|-------------|
| Maximum Attenuation @ 1310nm: | .8 dB/km |
| Maximum Attenuation @ 1550nm: | .5 dB/km |
| Maximum Gigabit Ethernet Length @ 1300nm: | 5000 meters |

Fiber Coding MLT EMEA:

| Fiber/Tube No. | Color |
|----------------|--------|
| 1 | Blue |
| 2 | Orange |
| 3 | Green |
| 4 | Brown |
| 5 | Slate |
| 6 | White |

Related Documents:

[DOUBLE JACKETED INTERLOCKED ARMOR DISTRIBUTION CABLE.pdf](#) - Document PG 46 - DOUBLE JACKETED INTERLOCKED ARMOR DISTRIBUTION CABLE rev 8.pdf

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------|-------|-------------|--------|-------|----------------------|
| B9W230 | 1 FT | 0.161 LB | YELLOW | | D-AIA 6F OS2 OFCR TB |

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